# **EAST Search History**

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5 SEA FILE=REGISTRY SUB=L12 SSS FUL L13 L14

=> FIL CAPLUS

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 1.35 20.86

FILE 'CAPLUS' ENTERED AT 10:25:13 ON 05 APR 2007

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FILE COVERS 1907 - 5 Apr 2007 VOL 146 ISS 15 FILE LAST UPDATED: 4 Apr 2007 (20070404/ED)

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http://www.cas.org/infopolicy.html

=> S L14

L15 3 L14

=> D IBIB 1-3

L15 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

143:97367

ACCESSION NUMBER: 2005:570884 CAPLUS

DOCUMENT NUMBER:

TITLE: Preparation of 5- or 6-substituted benzimidazole

derivatives as inhibitors of respiratory syncytial

virus replication

INVENTOR(S): Bonfanti, Jean-francois; Andries, Koenraad Jozef

Lodewijk; Fortin, Jerome Michel Claude; Muller, Philippe; Doublet, Frederic Marc Maurice; Meyer, Christophe; Willebrords, Rudy Edmond; Gevers, Tom Valerius Josepha; Timmerman, Philip Maria Martha Bern

PATENT ASSIGNEE(S): Tibotec Pharmaceuticals Ltd., Ire.

SOURCE:

PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

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OTHER SOURCE(S):
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L15 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:
                               2005:567167 CAPLUS
DOCUMENT NUMBER:
                                143:97363
                                Preparation of piperidine-amino-benzimidazole
TITLE:
                                derivatives as inhibitors of respiratory syncytial
                                virus replication
                                Bonfanti, Jean-Francois; Andries, Koenraad Jozef
INVENTOR(S):
                                Lodewijk; Janssens, Frans Eduard; Sommen, Francois
                                Maria; Guillemont, Jerome Emile Georges; Lacrampe,
                                Jean Fernand Armand
                                Tibotec Pharmaceuticals Ltd., Ire.
PATENT ASSIGNEE(S):
                                PCT Int. Appl., 54 pp.
SOURCE:
                                CODEN: PIXXD2
DOCUMENT TYPE:
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                                English
LANGUAGE:
FAMILY ACC. NUM. COUNT:
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PATENT INFORMATION:
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OTHER SOURCE(S):
                        MARPAT 143:97363
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REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 2005:564655 CAPLUS

DOCUMENT NUMBER: 143:97374

TITLE: Preparation of morpholine containing benzimidazoles as inhibitors of respiratory syncytial virus replication

INVENTOR(S): Bonfanti, Jean-Francois; Andries, Koenraad Jozef Lodewijk; Fortin, Jerome Michel Claude; Muller,

Philippe; Doublet, Frederic Marc Maurice; Meyer, Christophe; Willebrords, Rudy Edmond; Gevers, Tom Valerius Josepha; Timmerman, Philip Maria Martha Bern

PATENT ASSIGNEE(S): Tibotec Pharmaceuticals Ltd., Ire.

SOURCE: PCT Int. Appl., 144 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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EP 2004-105312 WO 2004-EP53620

A 20041026 W 20041220

OTHER SOURCE(S):

MARPAT 143:97374

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMA

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FULL ESTIMATED COST

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FILE COVERS 1907 - 5 Apr 2007 VOL 146 ISS 15 FILE LAST UPDATED: 4 Apr 2007 (20070404/ED)

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http://www.cas.org/infopolicy.html

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L20 3 L19

=> D IBIB 1-3

L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

2005:-570884 CAPLUS

DOCUMENT NUMBER:

143:97367

TITLE:

Preparation of 5- or 6-substituted benzimidazole derivatives as inhibitors of respiratory syncytial

virus replication

INVENTOR(S):

Bonfanti, Jean-francois; Andries, Koenraad Jozef Lodewijk; Fortin, Jerome Michel Claude; Muller, Philippe; Doublet, Frederic Marc Maurice; Meyer, Christophe; Willebrords, Rudy Edmond; Gevers, Tom Valerius Josepha; Timmerman, Philip Maria Martha Bern

PATENT ASSIGNEE(S):

Tibotec Pharmaceuticals Ltd., Ire.

SOURCE:

PCT Int. Appl., 100 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

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DOCU	MENT NUM	BER:		2005:567167 CAPLUS 143:97363											
TITLE				Preparation of piperidine-amino-benzimidazole											
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				derivatives as inhibitors of respiratory syncytial											

virus replication

INVENTOR(S):

Bonfanti, Jean-Francois; Andries, Koenraad Jozef Lodewijk; Janssens, Frans Eduard; Sommen, Francois Maria; Guillemont, Jerome Emile Georges; Lacrampe,

Jean Fernand Armand

PATENT ASSIGNEE(S):

Tibotec Pharmaceuticals Ltd., Ire.

SOURCE:

PCT Int. Appl., 54 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

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MR, NE, SN, TD, TG AU 2004-298456 20041220 A1 20050630 AU 2004298456 CA 2004-2548654 20041220 A1 20050630 CA 2548654 EP 2004-804942 20041220 EP 1723136 A1 20061122 AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR, LV, MK, YU CN 2004-80037284 20041220 Α 20070110 CN 1894239 EP 2003-104802 20031218 Α PRIORITY APPLN. INFO.: US 2004-566835P P 20040430 WO 2004-EP53606 W 20041220 MARPAT 143:97363 OTHER SOURCE(S):

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS REFERENCE COUNT: RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER:

2005:564655 CAPLUS 143:97374

TITLE:

Preparation of morpholine containing benzimidazoles as inhibitors of respiratory syncytial virus replication

INVENTOR(S):

Bonfanti, Jean-Francois; Andries, Koenraad Jozef Lodewijk; Fortin, Jerome Michel Claude; Muller, Philippe; Doublet, Frederic Marc Maurice; Meyer, Christophe; Willebrords, Rudy Edmond; Gevers, Tom Valerius Josepha; Timmerman, Philip Maria Martha Bern

Tibotec Pharmaceuticals Ltd., Ire. PATENT ASSIGNEE(S):

SOURCE:

LANGUAGE:

PCT Int. Appl., 144 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

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FAMILY ACC. NUM. COUNT:

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EP 1697345 A1 20060906 EP 2004-817576 20041220
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HR, IS, YU
CN 1894237 A 20070110 CN 2004-80037825 20041220
BR 2004017268 A 20070313 BR 2004-17268 20041220
US 2007043022 A1 20070222 US 2006-563691 20060104
NO 2006003322 A 20060918 NO 2006-3322 20060718
PRIORITY APPLN. INFO.: EP 2003-104810 A 20031218
US 2004-567182P P 20040430

Page 4Print selected from Online session10596519

EP 2004-105312 A 20041026 WO 2004-EP53620 W 20041220

WO 2004-EP53620

OTHER SOURCE(S):

REFERENCE COUNT:

MARPAT 143:97374

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> ACTIVATE N596519E/A

L6 STR

2380) SEA FILE=REGISTRY SSS FUL L6 L7

L8 STR

6 SEA FILE=REGISTRY SUB=L7 SSS FUL L8 L9

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FULL ESTIMATED COST

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FILE COVERS 1907 - 5 Apr 2007 VOL 146 ISS 15 FILE LAST UPDATED: 4 Apr 2007 (20070404/ED)

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http://www.cas.org/infopolicy.html

=> S L9

L10 2 L9

=> D IBIB 2

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

1984:432761 CAPLUS

DOCUMENT NUMBER:

101:32761

TITLE:

The pharmacokinetics and metabolism of astemizole in

AUTHOR(S):

Heykants, J.

CORPORATE SOURCE:

Dep. Drug Metab. Pharmacokinet., Janssen Pharm.,

Beerse, Belg.

SOURCE:

Medicine Publishing Foundation Symposium Series (1984), 11(Astemizole: New Non-Sedat. Long-Acting

H1-Antagonist), 25-34

CODEN: MPFSDF; ISSN: 0260-0242

DOCUMENT TYPE:

LANGUAGE:

Journal English

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L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

Page 2Print selected from Online session10596519

ACCESSION NUMBER:

2001:12444 CAPLUS

DOCUMENT NUMBER:

134:86248

TITLE:

Preparation of benzimidazoles as respiratory syncytial

virus replication inhibitors.

INVENTOR(S):

Janssens, Frans Eduard; Meersman, Kathleen Petrus Marie-Jose; Sommen, Francois Maria; Guillemont, Jerome Emile Georges; Lacrampe, Jean Fernand Armand; Andries,

Koenraad Jozef Lodewijk Marcel

PATENT ASSIGNEE(S):

Janssen Pharmaceutica N.V., Belg.

SOURCE:

PCT Int. Appl., 119 pp.

DOCUMENT TYPE:

CODEN: PIXXD2
Patent

TANGUACE:

English

LANGUAGE:

Engii:

FAMILY ACC. NUM. COUNT:

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HK 10	46141			A1		2006	0922		HK 2	002-	1077	ρТ		2	0021	025

Page 3Print selected from Online session10596519

US 2005234047	A1	20051020	US	2005-144103		20050603
US 7173054	B2	20070206				
US 2005239771	Al	20051027	US	2005-144126		20050603
US 7173034	B2	20070206		•		
US 2006154913	<b>A1</b>	20060713	US	2006-332557		20060112
US 2007021410	A1	20070125	US	2006-519719		20060911
PRIORITY APPLN. INFO.:		•	EP	1999-202087	Α	19990628
			EP	2000-200452	Α	20000211
			EP	2000-943841	A3	20000620
			WO	2000-EP5676	W	20000620
			US	2001-30202	A3	20011227
			US	2005-144103	A3	20050603

OTHER SOURCE(S):

MARPAT 134:86248

REFERENCE COUNT:

17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> ACTIVATE N596519D/A

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L3 STR

L4 57 SEA FILE=REGISTRY SUB=L2 SSS FUL L3

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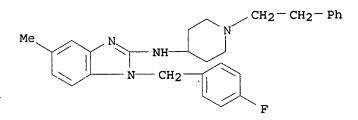
=> D SCAN

L4 57 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1H-Benzimidazol-2-amine, 1-[(4-fluorophenyl)methyl]-5-methyl-N-[1-(2-

phenylethyl) - 4 - piperidinyl] - (9CI)

MF C28 H31 F N4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.45 0.66

FULL ESTIMATED COST

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=> S L4

12 L4 L5

=> D IBIB

ANSWER 1 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN L5

ACCESSION NUMBER:

2005:570884 CAPLUS

DOCUMENT NUMBER:

143:97367

TITLE:

Preparation of 5- or 6-substituted benzimidazole derivatives as inhibitors of respiratory syncytial

virus replication

INVENTOR(S):

Bonfanti, Jean-francois; Andries, Koenraad Jozef Lodewijk; Fortin, Jerome Michel Claude; Muller, Philippe; Doublet, Frederic Marc Maurice; Meyer, Christophe; Willebrords, Rudy Edmond; Gevers, Tom Valerius Josepha; Timmerman, Philip Maria Martha Bern

Tibotec Pharmaceuticals Ltd., Ire. PATENT ASSIGNEE(S):

SOURCE:

PCT Int. Appl., 100 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO.	DATE			
WO 2005058874		WO 2004-EP53618	20041220			
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		NA, SD, SL, SZ, TZ,				
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EP 1697347	A1 20060906	EP 2004-804954	20041220			
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CN 1914196	A 20070214	CN 2004-80041654	20041220			
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OTHER SOURCE(S):	MARPAT 143:9736	7				

REFERENCE COUNT:

6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D IBIB 2-12

ANSWER 2 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

2005:564655 CAPLUS

DOCUMENT NUMBER:

143:97374

TITLE:

Preparation of morpholine containing benzimidazoles as

```
inhibitors of respiratory syncytial virus replication
                         Bonfanti, Jean-Francois; Andries, Koenraad Jozef
INVENTOR(S):
                         Lodewijk; Fortin, Jerome Michel Claude; Muller,
                         Philippe; Doublet, Frederic Marc Maurice; Meyer,
                         Christophe; Willebrords, Rudy Edmond; Gevers, Tom
                         Valerius Josepha; Timmerman, Philip Maria Martha Bern
PATENT ASSIGNEE(S):
                         Tibotec Pharmaceuticals Ltd., Ire.
SOURCE:
                         PCT Int. Appl., 144 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         English
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PRIORITY APPLN. INFO.:
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OTHER SOURCE(S):
                         MARPAT 143:97374
REFERENCE COUNT:
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L5
    ANSWER 3 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:
                         2001:12444 CAPLUS
DOCUMENT NUMBER:
                         134:86248
TITLE:
                         Preparation of benzimidazoles as respiratory syncytial
                         virus replication inhibitors.
INVENTOR(S):
                         Janssens, Frans Eduard; Meersman, Kathleen Petrus
                         Marie-Jose; Sommen, Francois Maria; Guillemont, Jerome
                         Emile Georges; Lacrampe, Jean Fernand Armand; Andries,
                         Koenraad Jozef Lodewijk Marcel
PATENT ASSIGNEE(S):
                         Janssen Pharmaceutica N.V., Belg.
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PCT Int. Appl., 119 pp.

CODEN: PIXXD2

Patent

04/05/07

SOURCE:

DOCUMENT TYPE:

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LANGUAGE: English

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Page 5Print selected from Online session10596519

OTHER SOURCE(S):

MARPAT 134:86248

REFERENCE COUNT:

THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS 17

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

חמיתים

ANSWER 4 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

1991:608009 CAPLUS

DOCUMENT NUMBER:

115:208009

TITLE:

Preparation of 2-aminopyrimidinones as antihistaminics

ADDITION NO

and antiserotoninergics

INVENTOR(S):

Janssens, Frans E.; Kennis, Ludo E. J.; Sommen, Myimalinal

Francois M.; Dierckx, Ann C. J. Janssen Pharmaceutica N. V., Belg. PATENT ASSIGNEE(S):

SOURCE:

Eur. Pat. Appl., 30 pp.

שתיים

DOCUMENT TYPE:

CODEN: EPXXDW

Patent

LANGUAGE:

English

KTNID

FAMILY ACC. NUM. COUNT:

D3.003100 310

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	EP 378254	A2	19900718	EP 1990-200004	19900103
	EP 378254	A3	19910109		
	EP 378254	B1	19940622		
	R: AT, BE, CH,	DE, DK	, ES, FR, GB	, GR, IT, LI, LU, NL	
	US 5008268	Α	19910416		19891226
	ES 2058749	<b>T</b> 3	19941101		
	CA 2007198	A1	19900709		
	FI 9000084	A		FI 1990-84	19900108
	FI 94526	В	19950615		
	FI 94526	C -	19950925		
	NO 9000070	Α	19900710	NO 1990-70	19900108
	NO 172645	В	19930510		
	NO 172645	C	19930818		
	AU 9047780	A	19900712	AU 1990-47780	19900108
	AU 622509	B2	19920409		
	HU 53364	A2	19901028	HU 1990-63	19900108
	,HU 206350	В	19921028		
	ZA 9000120	A	19910925	ZA 1990-120	19900108
	SU 1825364	<b>A</b> 3	19930630	SU 1990-4742861	19900108
•	CN 1044099	A	19900725	CN 1990-100077	19900109
	CN 1030452	В	19951206		
	JP 02233678	A	19900917	JP 1990-2414	19900109
_	RIORITY APPLN. INFO.:			GB 1989-380	A 19890109
O,	THER SOURCE(S):	MARPAT	115:208009		

ANSWER 5 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

1989:212855 CAPLUS

DOCUMENT NUMBER:

INVENTOR(S):

110:212855

TITLE:

Preparation of [(bicyclic heterocyclyl)amino]hexahydro-

1H-azepines and - pyrrolidines as antihistamines Janssens, Frans Eduard; Diels, Gaston Stanislas

Marcella; Pille, Geert Marcel Ester

PATENT ASSIGNEE(S):

Janssen Pharmaceutica N. V., Belg.

SOURCE:

Eur. Pat. Appl., 49 pp.

DOCUMENT TYPE:

CODEN: EPXXDW

Patent English

LANGUAGE:

FAMILY ACC. NUM. COUNT: 1

## Page 6Print selected from Online session10596519

#### PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 297661	A1	19890104	EP 1988-201291	19880623
EP 297661	B1	19920916		
R: AT, BE, CH,	DE, ES	, FR, GB,	GR, IT, LI, LU, NL, SE	
CA 1317939	С	19930518	CA 1988-568377	19880602
AT 80628	T	19921015	AT 1988-201291	19880623
ES 2052686	Т3	19940716	ES 1988-201291	19880623
AU 8818353	A	19890105	AU 1988-18353	19880624
AU 603684	B2	19901122		
JP 01034979	A	19890206	JP 1988-161124	19880630
ZA 8804696	Α	19900328	ZA 1988-4696	19880630
IL 86921	Α	19921115	IL 1988-86921	19880630
US 4988689	Α	19910129	US 1989-338440	19890413
US 5071846	A	19911210	US 1990-609989	19901106
US 5151424	Α	19920929	US 1991-756673	19910909
PRIORITY APPLN. INFO.:			US 1987-68515 A	19870701
			US 1988-198960 B	1 19880526
			EP 1988-201291 A	19880623
			US 1989-338440 A	3 19890413
			US 1990-609989 A	3 19901106

MARPAT 110:212855 OTHER SOURCE(S):

ANSWER 6 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

1989:75503 CAPLUS 110:75503

DOCUMENT NUMBER: TITLE:

Preparation of novel alkylimdazopyridines and analogs

as allergy inhibitors

INVENTOR (S):

Janssens, Frans Eduard; Diels, Gaston Stanislas Marcella; Torremans, Joseh Leo Ghislanus; Sommen,

Francois Maria

PATENT ASSIGNEE(S):

Janssen Pharmaceutica N. V., Belg.

SOURCE:

Eur. Pat. Appl., 50 pp.

CODEN: EPXXDW

DOCUMENT TYPE:

Patent English LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 282133	A2	19880914	EP 1988-200398	19880302
EP 282133	A3	19890607		
EP 282133	B1	19930728		
R: AT, BE, CH,	DE, ES	, FR, GB,	GR, IT, LI, LU, NL, SE	
CA 1266048	A1	19900220	CA 1988-559907	19880226
AT 92065	T	19930815	AT 1988-200398	19880302
ES 2059489	Т3	19941116	ES 1988-200398	19880302
AU 8812702	A	19880908	AU 1988-12702	19880304
AU 593720	B2	19900215		
SU 1637663	A3	19910323	SU 1988-4355374	19880305
DK 8801244	A	19880910	DK 1988-1244	19880308
DK 171181	B1	19960715		
FI 8801063	A	19880910	FI 1988-1063	19880308
FI 93728	В	19950215		•
FI 93728	Č	19950526		
NO 8801027	A	19880912	NO 1988-1027	19880308
NO 0001027	A	17000712	110 1500 1027	

Page 7Print selected from Online session10596519

NO 170485	В	19920713				
NO 170485	С	19921021				
HU 46679	A2	19881128	HU	1988-1121		19880308
HU 204270	В	19911230				
JP 63301879	Α	19881208	JP	1988-52762		19880308
ZA 8801660	Α	19891129	ZA	1988-1660		19880308
IL 85661	A	19920715	ΙL	1988-85661		19880308
CN 88101286	A	19880928	CN	1988-101286		19880309
CN 1026588	В	19941116				
US 4943580	Α	19900724	US	1989-307712		19890206
PRIORITY APPLN. INFO.:			US	1987-23739	A	19870309
			US	1988-155465	B1	19880212
			EP	1988-200398	A	19880302

OTHER SOURCE(S): MARPAT 110:75503

L5 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1988:21891 CAPLUS

DOCUMENT NUMBER: 108:21891

TITLE: Preparation of piperidinylaminobenzimidazoles and-

imidazo pyridines as allergy inhibitors

INVENTOR(S): Janssens, Frans E.; Hens, Jozef F.; Torremans, Joseph

L. G.; Heykants, Jozef J. P.

PATENT ASSIGNEE(S): Janssen Pharmaceutica N. V., Belg.

SOURCE: Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT NO.		DATE	APPLICATION NO.	_	DATE
EP 232937		19870819	EP 1987-200128		19870128
EP 232937					
EP 232937	B1	19920819			
R: AT, BE, CH	, DE, ES	, FR, GB, GF	R, IT, LI, LU, NL, SE		
US 4835161	A	19890530	US 1987-5546		19870121
AT 79620	T	19920915	AT 1987-200128		19870128
US 4835161 AT 79620 CA 1327579	С	19940308	CA 1987-528342		19870128
ES 2052544	Т3	19940716	ES 1987-200128		19870128
DK 8700541	A	19870804	DK 1987-541		19870202
FI 8700448	A	19870804	FI 1987-448		19870202
NO 8700407	A	19870804	NO 1987-407		19870202
	A	19870806	AU 1987-68218		19870202
AU 583706	B2	19890504			
JP 62215575	A	19870922	JP 1987-20600		19870202
JP 07094393	В	19951011			
HU 44544	A2	19880328	HU 1987-354		19870202
HU 201067	В				
ZA 8700744	A	19881026	ZA 1987-744		19870202
IL 81448	Α	19900917	IL 1987-81448		19870202
CN 87100563			CN 1987-100563		19870203
CN 1018614	B A	19921014			
JP 07179458	A	19950718	JP 1994-260917		19941003
JP 08019126	В	19960228			
PRIORITY APPLN. INFO.:			US 1986-825491	Α	19860203
			EP 1987-200128	Α	19870128
OTHER SOURCE(S):	CASREA	CT 108:21891	1; MARPAT 108:21891		

## Page 8Print selected from Online session10596519

ANSWER 8 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

1986:68856 CAPLUS

DOCUMENT NUMBER:

104:68856

TITLE:

Bicyclic heterocyclyl containing N-(bicyclic

heterocyclyl) - 4 - piperidinamines

INVENTOR(S):

Janssens, Frans Eduard; Torremans, Joseph Leo Ghislanus; Hens, Jozef Francis; Van Offenwert,

Theophilus Theresia J. M.

PATENT ASSIGNEE(S):

Janssen Pharmaceutica N. V., Belg.

SOURCE:

Eur. Pat. Appl., 106 pp. CODEN: EPXXDW

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 144101	A2	19850612	EP 1984-201611	19841107
EP 144101	A3	19850724		,
EP 144101	B1	19910206		•
R: AT, BE, CH	DE, FR	, GB, IT, LI	, LU, NL, SE	
US 4695569	A	19870922	US 1984-660608	19841012
AT 60769	T	19910215	AT 1984-201611	19841107
SU 1500162	A3	19890807	SU 1984-3814401	19841123
CA 1257258	A1	19890711	CA 1984-468587	19841126
. CZ 281114	B6	19960612	CZ 1984-9128	19841128
SK 278443	B6	19970507	SK 1984-9128	19841128
DK 8405678	Α	19850531	DK 1984-5678	19841129
FI 8404708	Α	19850531	FI 1984-4708	19841129
FI 80446	В	19900228		
FI 80446	C	19900611		
NO 8404755	Α	19850531	NO 1984-4755	19841129
NO 164171	В	19900528		
NO 164171	C	19900905		
AU 8436028	A	19850606	AU 1984-36028	19841129
AU 579121	B2	19881117		
JP 60149583	Α	19850807	JP 1984-250660	19841129
JP 06092389	В	19941116		
ZA 8409331	A	19860730	ZA 1984-9331	19841129
IL 73686	Α	19880531	IL 1984-73686	19841129
PL 146377	B1	19890131	PL 1984-250633	19841129
HU 35677	A2	19850729	HU 1984-4444	19841130
HU 199837	В	19900328		
RO 90414	В3	19861210	RO 1984-116474	19841130
US 4888426	Α	19891219	US 1987-56200	19870601
SU 1694064	A3	19911123	SU 1987-4203318	19870917
CA 1330081	С	19940607	CA 1988-564954	19880422
FI 8804037	A	19880901	FI 1988-4037	19880901
FI 84070	В	19910628		
FI 84070	С	19911010		
US 5025014	Α	19910618	US 1989-447312	19891207
US 5126339	Α	19920630	US 1991-671338	19910319
PRIORITY APPLN. INFO.:			US 1983-556742	A 19831130
			US 1984-660608	A 19841012
			EP 1984-201611	A 19841107
			CA 1984-468587	A3 19841126
			FI 1984-4708	A 19841129
			US 1987-56200	A3 19870601

A3 19891207 US 1989-447312

CASREACT 104:68856 OTHER SOURCE(S):

ANSWER 9 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

1985:615287 CAPLUS ACCESSION NUMBER:

DOCUMENT NUMBER: 103:215287

Five membered heterocyclic ring containing N-(bicyclic TITLE:

heterocyclyl) - 4 - piperidinamines

Janssens, Frans Eduard; Torremans, Joseph Leo INVENTOR(S):

Ghislanus; Hens, Jozef Francis; Van Offenwert,

Theophilus Theresia

Janssen Pharmaceutica N. V., Belg. PATENT ASSIGNEE(S):

Eur. Pat. Appl., 76 pp. SOURCE:

CODEN: EPXXDW

DOCUMENT TYPE: Patent English LANGUAGE:

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

<del></del>	KIND	DATE	APPLICATION NO.	_	DATE
	A2	19850619		-	19840914
	A3	19850710			
EP 145037	B1	19890118			
R: AT, BE, CH,	DE, FR	, GB, IT,	LI, LU, NL, SE		
US 4634704	Α	19870106			19840627
	A1		CA 1984-462540		19840906
AT 40130	T	19890215	AT 1984-201326		19840914
IL 73118			IL 1984-73118		19840930
RO 90457		19861210	RO 1984-115894		19841004
DK 8404784	A	19850407	DK 1984-4784		19841005
DK 163239	A B	19920210			
DK 163239 ·	С	19920629			
FI 8403934		19850407	FI 1984-3934		19841005
FI 81797	B C	19900831			
FI 81797	С	19901210			
NO 8404009	A	19850409	NO 1984-4009		19841005
NO 160441	. <b>B</b>	19890109			
NO 160441	С	19890419			
AU 8433872	A	19850418	AU 1984-33872		19841005
AU 565884	B2	19871001			
ES 536590	` A1	19851116	ES 1984-536590		19841005
JP 61010577	A	19860118	JP 1984-208394		19841005
JP 07098818	В	19951025			
ZA 8407847	Α	19860528	ZA 1984-7847		19841005
HU 38629	A2	19860630	HU 1984-3771		19841005
HU 207514	В	19930428			
SU 1440346	A3	19881123			19841005
PL 146228	B1	19890131			19841005
PRIORITY APPLN. INFO.:			US 1983-539597	Α	19831006
			US 1984-625343	Α	
			EP 1984-201326	Α	19840914

CASREACT 103:215287; MARPAT 103:215287 OTHER SOURCE(S):

ANSWER 10 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

1985:596034 CAPLUS

DOCUMENT NUMBER:

103:196034

TITLE:

New antihistaminic N-heterocyclic 4-piperidinamines.

2. Synthesis and antihistaminic activity of

#### Page 10Print selected from Online session10596519

1-[(4-fluorophenyl)methyl]-N-(4-piperidinyl)-1H-

benzimidazol-2-amines

AUTHOR(S): Janssens, Frans; Torremans, Joseph; Janssen, Marcel;

Stokbroekx, Raymond A.; Luyckx, Marcel; Janssen, Paul

A. J.

CORPORATE SOURCE: N. '

SOURCE:

N. V. Janssen Pharm., Res. Lab., Beerse, B-2340, Belg. Journal of Medicinal Chemistry (1985), 28(12), 1934-43

CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE:

LANGUAGE:

Journal English

OTHER SOURCE(S):

CASREACT 103:196034

L5 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

1981:30579 CAPLUS

DOCUMENT NUMBER:

94:30579

TITLE:

N-Heterocyclyl-4-piperidinamines

INVENTOR(S):

Janssens, Frans; Luyckx, Marcel; Stokbroekx, Raymond;

Torremans, Joseph

PATENT ASSIGNEE(S):

Janssen Pharmaceutica N. V., Belg.

SOURCE:

U.S., 27 pp. Cont.-in-part of U.S. Ser. No. 892,534,

abandoned.

CODEN: USXXAM

DOCUMENT TYPE:

Patent

LANGUAGE:

English 2

FAMILY ACC. NUM. COUNT:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
TIC 423.0550	Α .	19800826	US 1979-2276	19790110
	A A1	19830125	CA 1979-323763	
AU 7945296	AI A	19791018	AU 1979-45296	19790321
	B2	19820722	AU 1979-45290	17/70321
DK 7901298	A	19791004	DK 1979-1298	19790329
DK 169325	B1	19941010	DR 1979-1296	19790329
EP 5318	Al	19791114	EP 1979-300525	19790330
EP 5318	B1	19820106	EF 1979-300323	15750550
		, IT, LU, NL	CF	
RO 79320	A1		RO 1979-97082	19790330
FI 7901084			FI 1979-1084	19790402
FI 64801	В	19830930	11 13/3 1004	13730102
FI 64801	C	19840110	•	
NO 7901097	A	19791004	NO 1979-1097	19790402
NO 154058	В	19860401	NO 1373 1037	13730102
NO 154058	C	19860709		
JP 54151982	A	19791129	JP 1979-38447	19790402
JP 01001477	В	19890111	01 1373 30117	23,30102
ES 479206	A1	19791216	ES 1979~479206	19790402
ZA 7901557	A	19801126	ZA 1979-1557	19790402
IL 56992	A	19830331	IL 1979-56992	19790402
AT 7902425	A	19830715	AT 1979-2425	19790402
AT 373887	В	19840227		
CS 256358	_	19880415	CS 1979-2227	19790402
CS 256380	B4	19880415	CS 1984-3451	19790402
PL 123380	B1	19821030	PL 1979-214648	19790403
HU 25906	A2	19830829	HU 1979-JA841	19790403
HU 182965	В	19840328	·	
SU 1056902	A3	19831123	SU 1979-2747000	19790403
AT 8204538	A	19830715	AT 1982-4538	19821214

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AT 373888	В	19840227				
DK 8300831	Α	19830224	DK	1983-831		19830224
DK 171841	B1	19970630				
ES 524224	<b>A</b> 3	19841216	ES	1983-524224		19830719
NO 8402563	Α	19791004	NO	1984-2563		19840625
NO 154090	В	19860407				
NO 154090	С	19860716				
ES 542804	<b>A</b> 3	19851216	ES	1985-542804		19850503
JP 01117880	Α	19890510	JP	1988-144898		19880614
JP 02040666	В	19900912				
PRIORITY APPLN. INFO.:			US	1978-892534	A2	19780403
			US	1979-2276	Α	19790110
			US	1979-2279	Α	19790110
•			DK	1979-1298	Α	19790329
			ΤA	1979-2425	A	19790402

OTHER SOURCE(S): CASREACT 94:30579

L5 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1980:215439 CAPLUS

DOCUMENT NUMBER: 92:215439

TITLE: N-Heterocyclyl-4-piperidinamines and pharmaceutical

compositions comprising them

INVENTOR(S):
Janssens, Frans; Stokbroekx, Raymond; Torremans,

Joseph; Luyckx, Marcel

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: Eur. Pat. Appl., 100 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
EP 5318	A1	19791114	EP 1979-300525		19790330
EP 5318	B1	19820106			·
R: BE, CH, DE	, FR, GB	, IT, LU, N	L, SE		
US 4219559	A	19800826	US 1979-2276		19790110
CS 256358	B2	19880415	CS 1979-2227		19790402
CS 256380	B4	19880415	CS 1984-3451	·	19790402
PRIORITY APPLN. INFO.:			US 1978-892534		19780403
			US 1979-2276		19790110
			US 1979-2279	Α	19790110

Page 1Print selected from Online session10596519

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L2
                STR
L3
             57 SEA FILE=REGISTRY SUB=L2 SSS FUL L3
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FILE LAST UPDATED: 4 Apr 2007
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http://www.cas.org/infopolicy.html
=> S L4
L5
            12 L4
=> D HITSTR 4-12
     ANSWER 4 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
L5
     131283-70-0P
IT
     RL: SPN (Synthetic preparation); PREP (Preparation)
        (preparation of, as antihistaminic and antiserotoninergic)
RN
     131283-70-0 CAPLUS
     1,2,4-Triazolo[4,3-a]pyrimidin-5(1H)-one, 6-[2-[4-[[1-[(4-
CN
     fluorophenyl) methyl] -5-methyl-1H-benzimidazol-2-yl] amino] -1-
     piperidinyl]ethyl]-1,3,7-trimethyl-, (2E)-2-butenedioate (1:2) (9CI)
     INDEX NAME)
     CM
          1
```

CRN 131283-69-7 CMF C30 H35 F N8 O

## Page 2Print selected from Online session10596519

CM 2

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

IT 120429-44-9P 120431-87-0P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as antiallergic agent)

RN 120429-44-9 CAPLUS

CN 1H-Azepine-1-carboxylic acid, 4-[[1-[(4-fluorophenyl)methyl]-5-methyl-1H-benzimidazol-2-yl]amino]hexahydro-, ethyl ester (9CI) (CA INDEX NAME)

Page 3Print selected from Online session10596519

RN 120431-87-0 CAPLUS

CN 1H-Benzimidazol-2-amine, 1-[(4-fluorophenyl)methyl]-N-(hexahydro-1-methyl-1H-azepin-4-yl)-5-methyl-, (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 120431-86-9 CMF C22 H27 F N4

CM 2

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

IT

L5 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

118592-75-9P 118705-16-1P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as allergy inhibitor or antihistaminic)

RN 118592-75-9 CAPLUS

CN 1H-Benzimidazol-2-amine, 1-(2-ethoxyethyl)-5-methyl-N-(1-methyl-4-piperidinyl)- (9CI) (CA INDEX NAME)

RN 118705-16-1 CAPLUS

CN 1H-Benzimidazol-2-amine, 1-(2-ethoxyethyl)-5-methyl-N-(1-methyl-4-piperidinyl)-, (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

## Page 4Print selected from Online session10596519

CM 1

CRN 118592-75-9 CMF C18 H28 N4 O

$$\begin{array}{c|c} \mathsf{CH_2}-\mathsf{CH_2}-\mathsf{OEt} \\ \hline \\ \mathsf{N} \\ \mathsf{N} \\ \mathsf{Me} \end{array}$$

CM 2

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

TT 73755-74-5P 98088-91-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of, as allergy inhibitor)

RN 73755-74-5 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[1-(phenylmethyl)-5-(trifluoromethyl)-1H-benzimidazol-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

RN 98088-91-6 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[1-[(4-fluorophenyl)methyl]-5-methyl-1H-benzimidazol-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

## Page 5Print selected from Online session10596519

L5 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

IT 99157-17-2P 99195-17-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and antihistaminic activity of)

RN 99157-17-2 CAPLUS

CN 4H-Pyrido[1,2-a]pyrimidin-4-one, 3-[2-[4-[[1-[(4-fluorophenyl)methyl]-5-methyl-1H-benzimidazol-2-yl]amino]-1-piperidinyl]ethyl]-2-methyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} & & & \\ & &$$

RN 99195-17-2 CAPLUS

CN 4H-Pyrido[1,2-a]pyrimidin-4-one, 3-[2-[4-[[1-[(4-fluorophenyl)methyl]-5-methyl-1H-benzimidazol-2-yl]amino]-1-piperidinyl]ethyl]-6,7,8,9-tetrahydro-2-methyl- (9CI) (CA INDEX NAME)

#### Page 6Print selected from Online session10596519

$$\begin{array}{c} & & & \\ & & & \\ & & & \\$$

IT 98088-91-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and decarboxylation of)

RN 98088-91-6 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[1-[(4-fluorophenyl)methyl]-5-methyl-1H-benzimidazol-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

IT 99137-90-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and antihistaminic activity of)

RN 99137-90-3 CAPLUS

CN 1H-Benzimidazol-2-amine, 1-[(4-fluorophenyl)methyl]-5-methyl-N-[1-[2-(2-thiazolyl)ethyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

Me 
$$N - CH_2 - CH_2$$
 $N - CH_2 - CH_2$ 
 #### Page 7Print selected from Online session10596519

IT 99139-23-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and lithium aluminum hydride reduction of)

RN 99139-23-8 CAPLUS

CN 1-Piperidineacetonitrile, 4-[[1-[(4-fluorophenyl)methyl]-5-methyl-1H-benzimidazol-2-yl]amino]- (9CI) (CA INDEX NAME)

IT 98088-91-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and N-alkylation and decarboxylation of)

RN 98088-91-6 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[1-[(4-fluorophenyl)methyl]-5-methyl-1H-benzimidazol-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

IT 99151-11-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and N-alkylation of)

RN 99151-11-8 CAPLUS

CN 1H-Benzimidazol-2-amine, N-[1-(2-aminoethyl)-4-piperidinyl]-1-[(4-fluorophenyl)methyl]-5-methyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{CH}_2\text{--}\text{CH}_2\text{--}\text{NH}_2 \\ \hline & \text{N} & \text{NH} & \text{CH}_2 \\ \hline & \text{F} \end{array}$$

#### Page 8Print selected from Online session10596519

L5 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

IT 75970-78-4P 98088-91-6P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and antihistamine activity of)

RN 75970-78-4 CAPLUS

CN 1H-Benzimidazol-2-amine, 1-[(4-fluorophenyl)methyl]-5-methyl-N-[1-(2-phenylethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{CH}_2-\text{CH}_2-\text{Ph} \\ \hline & \text{N} & \text{CH}_2 \\ \hline & \text{F} \end{array}$$

RN 98088-91-6 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[1-[(4-fluorophenyl)methyl]-5-methyl-1H-benzimidazol-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

Me NH NH 
$$C-OEt$$

L5 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

IT 73755-74-5P 75970-32-0P 75970-35-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and decarboxylation of)

RN 73755-74-5 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[1-(phenylmethyl)-5-(trifluoromethyl)-1H-benzimidazol-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

Page 9Print selected from Online session10596519

RN 75970-32-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[(1,5-dimethyl-1H-benzimidazol-2-yl)amino]-, ethyl ester (9CI) (CA INDEX NAME)

RN 75970-35-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[5-methyl-1-(phenylmethyl)-1H-benzimidazol-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

IT 73734-46-0P 73734-91-5P 75970-78-4P

75970-80-8P 75970-88-6P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

RN 73734-46-0 CAPLUS
CN 1H-Benzimidazol-2-amine, N-[1-(2-phenylethyl)-4-piperidinyl]-1(phenylmethyl)-5-(trifluoromethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

$$CH_2-Ph$$
 $N$ 
 $N$ 
 $N$ 
 $CH_2-CH_2-Ph$ 
 $CH_2-CH_2-Ph$ 

#### ●2 HCl

RN 73734-91-5 CAPLUS

CN 1H-Benzimidazol-2-amine, N-[1-[4,4-bis(4-fluorophenyl)butyl]-4-piperidinyl]-5-methyl-, dihydrochloride (9CI) (CA INDEX NAME)

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$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

●2 HCl

RN 75970-78-4 CAPLUS

CN 1H-Benzimidazol-2-amine, 1-[(4-fluorophenyl)methyl]-5-methyl-N-[1-(2-phenylethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)

Me 
$$N \longrightarrow NH$$
  $NH \longrightarrow F$ 

RN 75970-80-8 CAPLUS

CN 1H-Benzimidazol-2-amine, 5-methyl-N-[1-(2-phenylethyl)-4-piperidinyl]-1-(phenylmethyl)- (9CI) (CA INDEX NAME)

RN 75970-88-6 CAPLUS

CN 1H-Benzimidazol-2-amine, N-[1-[4,4-bis(4-fluorophenyl)butyl]-4-piperidinyl]-1,5-dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)

### Page 11Print selected from Online session10596519

## .●2 HCl

L5 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN 73734-46-0P 73734-91-5P 73755-74-5P RL: SPN (Synthetic preparation); PREP (Preparation)

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)

RN 73734-46-0 CAPLUS

CN 1H-Benzimidazol-2-amine, N-[1-(2-phenylethyl)-4-piperidinyl]-1-(phenylmethyl)-5-(trifluoromethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

#### ●2 HCl

RN 73734-91-5 CAPLUS

CN 1H-Benzimidazol-2-amine, N-[1-[4,4-bis(4-fluorophenyl)butyl]-4-piperidinyl]-5-methyl-, dihydrochloride (9CI) (CA INDEX NAME)

Page 12Print selected from Online session10596519

## ●2 HCl

RN 73755-74-5 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[1-(phenylmethyl)-5-(trifluoromethyl)-1H-benzimidazol-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

$$CH_2$$
— Ph NH—NH—NH—C—OET O

## Janssens et al.

[45] Aug. 26, 1980

[54]	N-HETER	OCYCLYL-4-PIPERIDINAMINES	[58] Field	l of Search	546/118, 194, 199;				
[75]	Inventors:	Frans Janssens, Rijmenam; Raymond Stokbroekx; Joseph Torremans, both of Beerse; Marcel Luyckx, Geel, all of Belgium	[56]	R	27, 139; 424/248.51, 248.54, 248.55, 248.56, 256, 263, 267 deferences Cited				
[73]	Assignee:	Janssen Pharmaceutica N.V., Beerse, Belgium	3,963,727 3,989,707	6/1976	TENT DOCUMENTS  Ueno et al				
[21]	Appl. No.:	2,276	4,002,623	1/1977	Kadin 546/199				
[22]	Filed:	Jan. 10, 1979	Primary Examiner—John M. Ford Assistant Examiner—Robert T. Bond						
	Rela	ted U.S. Application Data	Attorney, Agent, or Firm—Geoffrey G. Dellenbaugh						
[63]	Continuation	m-in-part of Ser. No. 892,534, Apr. 3, 1978,	[57]		ABSTRACT				
	abandoned.		Novel N-heterocyclyl-4-piperidinamines wherein said						
[51] [52]			heterocyclic radical is an optionally substituted 1H-ben- zimidazol-2-yl or 3H-imidazo[4,5-b]pyridin-2-yl radical, said compounds being useful as antihistaminic agents.  19 Claims, No Drawings						

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2380) SEA FILE=REGISTRY SSS FUL L25 L26 (

STR L27

171 SEA FILE=REGISTRY SUB=L26 SSS FUL L27 L28

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=> S L28

L29 7 L28

=> D IBIB 1-7

L29 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

2005:570884 CAPLUS

DOCUMENT NUMBER:

143:97367

TITLE:

Preparation of 5- or 6-substituted benzimidazole derivatives as inhibitors of respiratory syncytial M

Page 3Print selected from Online session10596519

virus replication

INVENTOR(S): Bonfanti, Jean-françois; Andries, Koenraad Jozef

Lodewijk; Fortin, Jerome Michel Claude; Muller, Philippe; Doublet, Frederic Marc Maurice; Meyer, Christophe; Willebrords, Rudy Edmond; Gevers, Tom Valerius Josepha; Timmerman, Philip Maria Martha Bern

PATENT ASSIGNEE(S): Tibotec Pharmaceuticals Ltd., Ire.

SOURCE: PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA	TENT	NO.			KINI	)	DATE				ICAT:		. 00		D	ATE	
WO	2005	0588	74		A1		2005	0630					518		2	0041	220
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AU	2004	2984	59		A1						004-				_	0041	
	2548				A1						004-					0041	
EP	1697										004-						
	R:										IT,						
		-	-		LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	PL,	SK,
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											004-				_	0040	
<b>-</b>								0.000		WO 2	004-	EP53	618	,	w 2	0041	220

OTHER SOURCE(S): MARPAT 143:97367

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:564655 CAPLUS

DOCUMENT NUMBER: 143:97374

TITLE: Preparation of morpholine containing benzimidazoles as

inhibitors of respiratory syncytial virus replication

4/14

INVENTOR(S): Bonfanti, Jean-François; Andries, Koenraad Jozef

Lodewijk; Fortin, Jerome Michel Claude; Muller, Philippe; Doublet, Frederic Marc Maurice; Meyer, Christophe; Willebrords, Rudy Edmond; Gevers, Tom Valerius Josepha; Timmerman, Philip Maria Martha Bern

PATENT ASSIGNEE(S): Tibotec Pharmaceuticals Ltd., Ire.

SOURCE: PCT Int. Appl., 144 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

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KIND
                                         DATE
                                                        APPLICATION NO.
      PATENT NO.
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                                                      WO 2004-EP53620
      WO 2005058871
                                        20050630
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           NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MB, NE, SN, TD, TC
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                                                                                        20060104
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                                                                                        20060718
                                                                                   A 20031218 /
                                                         EP 2003-104810
PRIORITY APPLN. INFO.:
                                                                                   P 20040430
                                                         US 2004-567182P
                                                                                    A 20041026
                                                         EP 2004-105312
                                                                                    W 20041220
                                                         WO 2004-EP53620
OTHER SOURCE(S):
                                MARPAT 143:97374
                                         THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
REFERENCE COUNT:
                                 4
                                         RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
L29 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:
                                2005:259680 CAPLUS
DOCUMENT NUMBER:
                                142:336356
                                 Preparation of benzimidazoles and imidazopyridines
TITLE:
                                having affinity for melanocortin (MC), in particular
                                MC4, receptors
                                Poitout, Lydie; Brault, Valerie; Sackur, Carole;
INVENTOR(S):
                                Roubert, Pierre; Plas, Pascale
PATENT ASSIGNEE(S):
                                Fr.
                                U.S. Pat. Appl. Publ., 213 pp., Cont.-in-part of U.S.
SOURCE:
                                 Ser. No. 504,033.
                                 CODEN: USXXCO
DOCUMENT TYPE:
                                 Patent
LANGUAGE:
                                English
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	$\overline{}$
US 2005065179	A1	20050324	US 2004-915920	20040811	
FR 2851563	A1	20040827	FR 2003-2320	20030226 <-	
FR 2851563	B1	20050422			_
WO 2004075823	A2	20040910	WO 2004-FR418	20040225	
WO 2004075823	A3	20041007			
WO 2004075823	A8	20041028			

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

## Page 5Print selected from Online session10596519

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CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
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PRIORITY APPLN. INFO.:
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                                                                A2 20030920
                                            WO 2004-FR418
                                                                W 20040225
                        MARPAT 142:336356
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OTHER SOURCE(S):

L29 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN 2001:12444 CAPLUS ACCESSION NUMBER: DOCUMENT NUMBER: 134:86248

Preparation of benzimidazoles as respiratory syncytial TITLE:

virus replication inhibitors.

Janssens, Frans Eduard; Meersman, Kathleen Petrus INVENTOR(S):

Marie-Jose; Sommen, Francois Maria; Guillemont, Jerome Emile Georges; Lacrampe, Jean Fernand Armand; Andries,

Koenraad Jozef Lodewijk Marcel

Janssen Pharmaceutica N.V., Belg. PATENT ASSIGNEE(S):

PCT Int. Appl., 119 pp. SOURCE:

CODEN: PIXXD2

Patent DOCUMENT TYPE: English LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT NO.	KIND DATE	APPLICATION NO.	DATE
	A1 20010104	WO 2000-EP5676	20000620
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DOCUMENT NUMBER:
                         New antihistaminic N-heterocyclic 4-piperidinamines.
TITLE:
                             Synthesis and antihistaminic activity of
                         1-[(4-fluorophenyl)methyl]-N-(4-piperidinyl)-1H-
                         benzimidazol-2-amines
                         Janssens, Frans; Torremans, Joseph; Janssen, Marcel;
AUTHOR(S):
                         Stokbroekx, Raymond A.; Luyckx, Marcel; Janssen, Paul
                         A. J.
                         N. V. Janssen Pharm., Res. Lab., Beerse, B-2340, Belg.
CORPORATE SOURCE:
                         Journal of Medicinal Chemistry (1985), 28(12), 1934-43
SOURCE:
                         CODEN: JMCMAR; ISSN: 0022-2623
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DOCUMENT TYPE:
                         English
LANGUAGE:
                         CASREACT 103:196034
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                         1981:30579 CAPLUS
ACCESSION NUMBER:
DOCUMENT NUMBER:
                         94:30579
                         N-Heterocyclyl-4-piperidinamines
TITLE:
                         Janssens, Frans; Luyckx, Marcel; Stokbroekx, Raymond;
INVENTOR(S):
                         Torremans, Joseph
                         Janssen Pharmaceutica N. V., Belg.
PATENT ASSIGNEE(S):
                         U.S., 27 pp. Cont.-in-part of U.S. Ser. No. 892,534,
SOURCE:
                         abandoned.
                         CODEN: USXXAM
                         Patent
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                         English
LANGUAGE:
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ACCESSION NUMBER:

1980:215439 CAPLUS 92:215439

DOCUMENT NUMBER:

 $\hbox{N-Heterocyclyl-4-piperidinamines and pharmaceutical}\\$ 

TITLE:

compositions comprising them

INVENTOR(S):

Janssens, Frans; Stokbroekx, Raymond; Torremans,

Joseph; Luyckx, Marcel

PATENT ASSIGNEE(S):

Janssen Pharmaceutica N.V., Belg.

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